

- 1 -

piece 1, NC_000913, yifN_rep+, config: linear, direction: +, begin: 3958454, end: 3958719

5' * acc aac ctt tagggctgaaaattaaatcgcacagtaaaccccttcattgtaaaaactctgtaaaaaaagtataaccacacgttacg 3'
 - thr - asn - leu - arg - ala - glu - ile - asn - arg - his - glu -
 - pro - thr - leu - gly - leu - lys - leu - ile - ala - thr - ser - lys - pro - leu - leu - ser - lys - leu -
 - gln - pro - . . .] NC_000913.yifN

Genomic map of the *yifN* gene. The top line shows the DNA sequence with transcription start sites indicated by asterisks (*). The bottom line shows the mRNA sequence with the deduced amino acid sequence: fMet-asp-ser-asp-phe-gly-leu-leu-ser-leu-ile. A red box highlights the ribosomal binding site (RBS) sequence TTT. A pink box highlights the leader peptide sequence. Labels include: fMet, asp, ser, arg, phe, gly, leu, leu, ser, leu, ile; rbs; ir yifN_rep+; [###] orf 12 codons.

sd

{ sd-(8)-ir 3958567 Gap 2.4 bits
sd-ir 3958567 yifN rep+ total 8.6 bits }

[###> orf 12 codons

5' - a c c g g g t t a g c g g c t t a c a c g c g g t c a c a t t c a a a t t g c g a t t t c g t c a a t c c t c c c c c g t t c g a a g a t t t g a g c a a t a c a 3'

-fMet - arg - phe - cys - tyr - asn - pro - pro - pro - pro - val - arg - arg - leu - ser - asn - thr -